



ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Claude M. Wischik, et al.
Appl. No. : 10/665,008
Filed : September 22, 2003
Title : NEUROFIBRILLARY LABELS

Confirmation No: 5847

TC/A.U. : 1618
Examiner : J.R. Samala

Docket No.: : WISC3004/REF
Customer No: : 23364

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 37 C.F.R. §§ 1.51(b), 1.56, 1.97 and 1.98, this Supplemental Information Disclosure Statement is being submitted with the references in the above-identified patent application. A listing of these documents is submitted herewith on Form PTO-1449. The U.S. Patents are listed but copies are no longer required and therefore only the foreign and non-patented references are herewith enclosed.

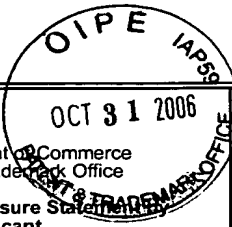
This Supplemental Information Disclosure Statement is submitted prior to the mailing date of the first Official Action on the merits received by Applicants.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,
BACON & THOMAS, PLLC

By: Richard E. Fichter
Richard E. Fichter
Registration No. 26,382

625 Slaters Lane, 4th Fl.
Alexandria, Virginia 22314
Phone: (703) 683-0500
Facsimile: (703) 683-1080
REF:cjw
IDS2.wpd
October 31, 2006



B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	WISC3004/REF	10/655,008
	Applicant	
	Claude M. Wischik et al.	
	Filing Date	Group
	September 22, 2003	1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	11/391,675	3/29/2006	C.M. Wischik, et al.			
	6,953,974	10/11/2005	C. Wischik, et al.			
	2006/0014216 A1	1/19/2006	C. Wischik, et al.			

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	WO 93 11231	6/10/1993	DE				
	WO 99/62548	12/9/1999	US				
	WO 89 03993	5/5/1989	GB				
	WO 93 01348	2/18/1993	DE				
	0 911 390 A2	4/28/1999	EP				
	0 909 814 A2	4/21/1999	EP				
	0 911 398 A2	4/28/1999	EP				
	0 618 968 B1	10/12/1994	EP				
	WO 02/055720 A2	7/28/2002	GB				
	WO 03/007933 A1	1/30/2003	GB				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	R. Lai, "The role of abnormal phosphorylation of tau protein in the development of neurofibrillary pathology in Alzheimer's disease", Christ's College, 1994, pp. 1-243
	C. Wischik, "Molecular neuropathology of Alzheimer's disease", 1989, pp. 44-70
	E. Montejo de Garcini, et al., "Self assembly of microtubule associated protein TAU into filaments resembling those found in Alzheimer disease", Biochemical and Biophysical Research Communications, 1986, pp. 790-797
	E. Montejo de Garcini, et al., "In vitro conditions for the self-polymerization of the microtubule-associated protein", J. Biochem., 1987, vol. 102, No. 6, pp. 1415-1421
	E. Montejo de Garcini, et al., "Tau factor polymers are similar to paired helical filaments of Alzheimer's disease", Elsevier Science Publishers B.V., 1988, pp. 150-154
	H. Ksiazek-Reding and S.H. Yen, "Structural stability of paired helical filaments requires microtubule-binding domains of tau: A model for self-association", Neuron, 1991, vol. 6, pp 717-728

Examiner	Date Considered
----------	-----------------

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number WISC3004/REF	Serial Number 10/665,008
	Applicant Claude M. Wischik et al.	
	Filing Date September 22, 2003	Group 1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclasses	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	WO 2006/032879 A2	3/30/2006	GB				
	WO 2005/030676 A1	4/7/2005	GB				
	WO 95/05601	2/23/1995	GB				
	WO 02/059150	8/1/2002	GB				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	H. Wille, "Alzheimer-like paired helical filaments and antiparallel dimers formed from microtubule-associated protein tau in vitro", J. Cell Biol., 118, 1992, pp. 573-584
	H. Ksiezak-Reding and J.S. Wall, "Mass and physical dimensions of two distinct populations of paired helical filaments", Neurobiology of Aging, 1994, vol. 15, no. 1, pp. 11-18
	C.M. Wischik, et al., "Isolation of a fragment of tau derived from the core of the paired helical filament of Alzheimer disease", Proc. Natl. Acad. Sci. USA, 1988, vol. 85, pp. 4506-4510
	C.M. Wischik, et al., "Structural characterization of the core of the paired helical filament of Alzheimer disease", Proc. Natl. Acad. Sci. USA, 1988, vol. 85, pp. 4884-4888
	C.M. Wischik, et al., "Selective inhibition of Alzheimer disease-like tau aggregation by phenothiazines", Proc. Natl. Acad. Sci. USA, 1996, vol. 93, pp. 11213-11218
	H. Ksiezak-Reding, "Assembled tau filaments differ from native paired helical filaments as determined by scanning transmission electron microscopy", STEM, 1998, pp. 86-98
	R. Mena, et al., "A progressive deposition of paired helical filaments (PHF) in the brain characterizes the evolution of dementia in Alzheimer's disease", Journal of Neuropathology and Experimental Neurology, 1991, pp. 474-490
	R. Mena, et al., "Monitoring pathological assembly of tau and β -amyloid proteins in Alzheimer's disease", Acta Neuropathol, 1994, pp. 50-56
	C.M. Wischik, et al., "Quantitative analysis of tau protein in paired helical filament preparations" Implications for the role of tau protein phosphorylation in PHF assembly in Alzheimer's disease", Neurobiology of Aging, 1995, vol. 16, no. 3, pp. 409-431
	C.M. Wischik, et al., "Author's response to commentaries", Neurobiology of Aging, 1995, vol. 16, no. 3, pp. 423-431
	C.M. Wischik, et al., "Structure, biochemistry and molecular pathogenesis of paired helical filaments in Alzheimer's disease", Pathobiology of Alzheimer's Disease, 1995, pp. 10-39
	V.M.-Y. Lee et al., "A68: A major subunit of paired helical filaments and derivatized forms of normal tau", Science, 1991, vol. 251, pp. 675-678

Examiner	Date Considered
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number WISC3004/REF	Serial Number 10/665,008
	Applicant Claude M. Wischik et al.	
	Filing Date September 22, 2003	Group 1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclasses	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	M. Goedert, et al., "Tau proteins of Alzheimer paired helical filaments: Abnormal phosphorylation of all six brain isoforms", Neuron, Jan. 1992, vol 8, pp. 159-168
	R. Jakes, et al. "Identification of 3- and 4-repeat tau isoforms within the PHF is Alzheimer's disease", The EMBO Journal, 1991, vol. 10, no. 10, pp. 2725-2729
	M. Novak, et al., "Molecular characterization of the minimal protease resistant tau unit of the Alzheimer's disease paired helical filament", The EMBO Journal, 1993, vol. 12, no. 1, pp. 365-370
	S.-H. Yens, et al., "Alzheimer's neurofibrillary tangles contain unique epitopes in common with the heat-stable microtubule-associated proteins tau and MAP2", American Journal of Pathology, 1987, vol. 126, pp. 81-91
	J.-P. Brion, et al., "Characterization of a partial cDNA specific for the high molecular weight microtubule-associated protein AMP2 that encodes epitopes shared with paired helical filaments of Alzheimer's disease", Dementia, 1990, vol. 1, pp. 304-315
	M.W. Klymkowsky, "Weaving a tangled web: the interconnected cytoskeleton", Nature Cell Biology, 1999, vol. 1, no. 5, page E121
	R. Brandt, et al., "Cytoskeletal mechanisms of axon outgrowth and pathfinding", Cell Tissue Res., 1998, vol. 292, pp. 181-189
	D. van Rossum, et al., "Cytoskeletal dynamics in dendritic spines: direct modulation by glutamate receptors", Trends Neurosci., 1992, vol. 22, pp. 290-295
	R. Sato-Harada, et al., "Microtubule-associated Proteins Regulate Microtubule Function as the Track for Intracellular Membrane Organelle Transports", Cell Structure Function 21, 1996, pp. 283-295
	A. Grover, et al., "5' splice site mutations in tau associated with the inherited dementia FTDP-17 affect a stem-loop structure that regulates alternative splicing of Exon 10", The Journal of Biological Chemistry, 1999, May 21 issue, vol. 274, no. 21, pp. 15134-15143
	M. Hutton, et al. "Association of missense and 5'-splice-site mutations in tau with the inherited dementia FTDP-17", Nature, June 18, 1998, vol. 393, pp. 702-705
	E. Braak, et al., "Alzheimer's disease: transiently developing dendritic changes in pyramidal cells of sector CA1 of the ammon's horn", Acta Neuropathol, 1997, vol. 93, pp. 323-325
	B.H. Anderton, et al., "Dendritic changes in Alzheimer's disease and factors that may underlie these changes", Prog. Neurobiol., Aug. 1998, 55(6), pp. 595-609
	P. Friedhoff, et al., "Rapid Assembly of Alzheimer-like paired helical filaments from microtubule-associated protein tau monitored by fluorescence in solution", Biochemistry, 1998, vol. 37, pp. 10223-10230

Examiner	Date Considered
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	WISC3004/REF	10/665,008
	Applicant	
	Claude M. Wischik et al.	
	Filing Date	Group
	September 22, 2003	1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclasses	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	P. Friedhoff, et al., "A nucleated assembly mechanism of Alzheimer paired helical filaments", Proc. Natl. Acad. Sci., USA, Dec. 1998, vol. 95, pp. 15712-15717
	B. Pedrotti, et al., "Interactions of microtubule-associated protein MAP2 with unpolymerized and polymerized tubulin and actin using a 96-well microtiter plate solid-phase immunoassay", Biochemistry, 1994, vol. 33, pp. 8798-8806
	J. Garcia de Ancos, et al., "Differences in microtubule binding and self-association abilities of bovine brain tau isoforms", The Journal of Biological Chemistry, 1993, vol. 268, no. 11, pp. 7976-7982
	C.R. Harrington, et al., "Measurement of distinct immunochemical presentations of tau protein in Alzheimer's disease", Proc. Natl. Acad. Sci., July 1991, vol. 88, pp. 5842-5846
	C.R. Harrington, et al., "Competitive ELISA for the measurement of tau protein in Alzheimer's disease", Journal of Immunological Methods, 1990, vol. 134, pp. 261-271
	C.M. Wischik, Thesis "The structure and biochemistry of paired helical filaments in Alzheimer's disease", Part I and II, pp. 1-455
	C.M. Wischik, et al., "Subunit structure of paired helical filaments in Alzheimer's disease", The Journal of Cell Biology, 1985, vol. 100, pp. 1905-1912
	M. von Bergen, et al. "Assembly of tau protein into Alzheimer's paired helical filaments depends on a local sequence motif forming beta structure", Proceedings of the National Academy of Sciences of USA, National Academy of Science, May 9, 2000, vol. 97, no. 10, pp. 5129-5134
	Luisa Fasulo, et al., "Overexpression of Alzheimer's PHF core tau fragments: implications for the tau truncation hypothesis", Alzheimer's Research 2, 1996, pp. 195-200
	C.M. Wischik, et al., "The role of tau protein in the neurodegenerative dementias", Dementia 2 nd edition, pp. 461-492, J (EDT)/Ames D (EDT)/Burns, A (EDT)/Levy, R/Publisher: Hodder Arnold Published 2001/02
	C.M. Wischik, et al., "Modelling prion-like processing of tau protein in Alzheimer's disease for pharmaceutical development", pp. 185-241
	H.J. Gertz, et al., "The relationship between clinical dementia and neuropathological staging (Braak) in a very elderly community sample", Eur. Arch. Psychiatry Clin. Neurosci., 1996, vol. 246, pp. 132-136
	H.J. Gertz, et al., "Examination of the validity of the hierarchical model of neuropathological staging in normal aging and Alzheimer's disease", Act Neuropathol., 1998, vol. 95, pp. 154-158
	S.D. Styren, et al., "X-34, a fluorescent derivative of congo red: a novel histochemical stain for Alzheimer's disease pathology", The Journal of Histochemistry and Cytochemistry, 2000, vol. 48, no. 9, pp. 1223-1232

Examiner

Date Considered

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	WISC3004/REF	10/665,008
	Applicant	
	Claude M. Wischik et al.	
	Filing Date	Group
	September 22, 2003	1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclasses	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	L. Detolledo-Morrell, et al., "Alzheimer's disease: in vivo detection of differential vulnerability of brain regions", Neurobiology of Aging, 1997, vol. 18, no. 5, pp. 463-468
	M.J. De Leon, et al, "Frequency of Hippocampal formulation atrophy in normal aging and Alzheimer's disease", Neurobiology of Aging, 1997, vol. 18, no. 1, pp. 1-11
	E. Mori, et al., "Premorbid brain size as a determinant of reserve capacity against intellectual decline in Alzheimer's disease", Am. J. Psychiatry, January 1997, vol. 154, no. 1, pp. 18-24
	K. Juottonen, et al., "Major decrease in the volume of the entorhinal cortex in patients with Alzheimer's disease carrying the apolipoprotein E ε4 allele", J Neurol. Neurosurg Psychiatry, 1998, vol. 65, pp. 322-327
	M. Bobinski, et al., "MRI of entorhinal cortex in mild Alzheimer's disease", The Lancet, January 2, 1999, vol. 353, pp. 38-39
	N.C. Fox, et al., "Correlation between rates of brain atrophy and cognitive decline in AD", American Academy of Neurology, 1999, pp. 1687-1688
	C.R. Jack, et al., "Medial temporal atrophy on MRI in normal aging and very mild Alzheimer's disease", American Academy of Neurology, September 1997, pp. 786-794
	N.C. Fox, et al., "Presymptomatic hippocampal atrophy in Alzheimer's disease", Brain, 1996, vol. 119, pp. 2001-2007
	K.A. Johnson, et al., "Preclinical prediction of Alzheimer's disease using SPECT", American Academy of Neurology 50, June 1998, pp. 1563-1571
	J. Perez-Tur, et al., "Neurodegenerative disease of Guam: Analysis of TAU", American Academy of Neurology, 1999, vol. 53, pp. 411-412
	M. Lehtovirta, et al., "Longitudinal SPECT study in Alzheimer's disease: relation to apolipoprotein E polymorphism", J Neurol. Neurosurg Psychiatry, 1998, vol. 64, pp. 742-746
	Nagy, Zs., et al., "Relationship between clinical and radiological diagnostic criteria for Alzheimer's disease and the extent of neuropathology as reflected by 'stage': a prospective study", Dementia and Geriatric Cognitive Disorders, 1999, vol. 10, pp. 109-114
	K. Ishii, et al., "Regional cerebral glucose metabolism in dementia with Lewy bodies and Alzheimer's disease", Neurology 51, July 1998, pp. 125-129

Examiner	Date Considered
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	WISC3004/REF	10/665,008
	Applicant	
	Claude M. Wischik et al.	
	Filing Date	Group
	September 22, 2003	1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclasses	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	T. Imamura, et al., "Regional cerebral glucose metabolism in dementia with Lewy bodies and Alzheimer's disease: a comparative study using positron emission tomography" Neuroscience Letters 235, 1997, pp. 49-52
	S. Minoshima, et al., "Metabolic reduction in the posterior cingulate cortex in very early Alzheimer's disease", Annals. Neurology, July 1997, vol. 42, no. 1, pp. 85-93
	V. Ibanez, et al., "Regional glucose metabolic abnormalities are not the result of atrophy in Alzheimer's disease", Neurology 50, June 1998, pp. 1585-1593
	M.T. Carretero, et al., "Changes in a CSF antigen associated with dementia", Dementia, 1995, vol. 6, pp. 281-295
	D.T. Villareal, et al., "The diagnosis of Alzheimer's disease", Alzheimer's Disease Review 3, 1998, pp. 142-152
	D.B. Marin, et al., "The relationship between apolipoprotein E, dementia, and vascular illness", Atherosclerosis 140, 1998, pp. 173-180
	L.H. Kuller, et al., "Relationship between ApoE, MIR findings, and cognitive function in the cardiovascular health study", Stroke, 1998, vol. 29, pp. 388-398
	H. Eichenbaum, "How Does the Brain Organize Memories", Science, July 18, 1997, vol. 277, pp. 330-332
	D.B. Willingham, "Systems of memory in the human brain", Neuron., January 1997, vol. 18, pp. 5-8
	Y. Lakmache, et al., "Interhemispheric disconnection syndrome in Alzheimer's disease", Proc. Natl. Acad. Sci. USA, 1998, vol. 95, pp. 9042-9046
	J.R. Hodges, et al., "What and how: evidence for the dissociation of object knowledge and mechanical problem-solving skills in the human brain", Proc. Natl. Acad. Sci. USA, August 1999, vol. 96, pp. 9444-9448
	W. Bondareff, et al., "Immunohistochemical staging of neurofibrillary degeneration in Alzheimer's disease", Journal of Neuropathology and Experimental Neurology, March 1994, vol. 53, no. 2, pp. 158-164
	C.M. Wischik, "Cell biology of the Alzheimer tangle", Current Opinion in Cell Biology, 1989, vol. 1, pp. 115-122

Examiner	Date Considered
----------	-----------------

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	WISC3004/REF	10/665,008
	Applicant	
	Claude M. Wischik et al.	
	Filing Date	Group
	September 22, 2003	1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclasses	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	C. Bancher, et al., "Accumulation of abnormally phosphorylated τ precedes the formation of neurofibrillary tangles in Alzheimer's disease", Brain Research, 1989, vol. 477, pp. 90-99
	K. Ishiguro, et al., "A serine/threonine proline kinase activity is included in the tau protein kinase fraction forming a paired helical filament epitope", Neuroscience Letters, 1991, vol. 128, pp. 195-198
	K. Ishiguro, et al., "Tau protein kinase I converts normal tau protein into A68-like component of paired helical filaments", Journal of Biological Chemistry, 1992, vol. 267, pp. 10897-10901
	H. Aizawa, et al., "Microtubule-binding domain of tau proteins", Journal of Biological Chemistry, 1988, vol. 263, pp. 7703-7707
	M.D. Ledesma, et al., "Implication of brain cdc2 and MAP2 kinases in the phosphorylation of tau protein in Alzheimer's disease", FEBS, 1992, vol. 308, no. 2, pp. 218-224
	M. Goedert, et al., "Cloning and sequencing of the cDNA encoding a core protein of the paired helical filament of Alzheimer disease: Identification as the microtubule-associated protein tau", Proc. Natl. Acad. Sci. USA, June 1988, vol. 85, pp. 4051-4055
	B. Lichtenberg-Kraag, et al., "Phosphorylation-dependent epitopes of neurofilament antibodies on tau protein and relationship with Alzheimer tau", Proc. Natl. Acad. Sci. USA, 1992, vol. 89, pp. 5384-5388
	J. Biernat, et al., "The switch of tau protein to an Alzheimer-like state includes the phosphorylation of two serine-proline motifs upstream of the microtubule binding region", EMBO Journal 11, 1992, pp. 1593-1597
	B. Lichtenberg-Kraag, et al., "Alzheimer-type phosphorylation of microtubule-associated protein tau in vitro", 1991/92
	K. Ishiguro, et al., "A novel tubulin-dependent protein kinase forming a paired helical filament epitope on tau", J. Biochem, 1988, vol. 104, pp. 319-321
	K. Ishiguro, et al., "Phosphorylation sites on tau by tau protein kinase I, a bovine derived kinase generating an epitope of paired helical filaments", Neuroscience Letters, 1992, vol. 148, pp. 202-206
	T. Hagestedt, et al., "Tau protein becomes long and stiff upon phosphorylation: correlation between paracrystalline structure and degree of phosphorylation", The Journal of cell biology, 1989, vol. 109, pp. 1643-1651
	S.A. Lewis, et al., "Microtubule-associated protein MAP2 shares a microtubule binding motif with tau protein", Science, 1988, vol. 242, pp. 936-939
	A. Schneider, et al., "Phosphorylation that detaches tau protein from microtubules (Ser262, Ser214) also protects it against aggregation into Alzheimer paired helical filaments", Biochemistry, 1999, vol. 38, pp. 3549-3558

Examiner	Date Considered
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	WISC3004/REF	10/665,008
	Applicant	
	Claude M. Wischik et al.	
	Filing Date	Group
	September 22, 2003	1618

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	C.B. Caputo, et al., "The amyloid proteins of Alzheimer's disease as potential targets for drug therapy", Neurobiology of Aging, vol. 10, pp. 451-461
	C.B. Caputo, et al., "Amyloid-like properties of a synthetic peptide corresponding to the carboxy terminus of β -amyloid protein precursor", Archives of Biochemistry and Biophysics, 1992, vol. 292, pp. 199-205
	D.A. Lomas, et al., "The mechanism of Z α 1-antitrypsin accumulation in the liver", Nature, 1992, vol. 357, pp. 605-07
	S. Janciauskiene, et al., "In vitro amyloid fibril formation from α 1-antitrypsin", Bio Chem, 1995, vol. 375, pp. 103-109
	L. Poulter, et al., "Locations and immunoreactivities of phosphorylation sites on bovine and porcine tau proteins and a PHF-tau fragment", The Journal of Biological Chemistry, 1993, vol. 268, no. 13, pp. 9636-9644
	I. Grundke-Iqbal, et al., "Abnormal phosphorylation of microtubule-associated protein T (tau) in Alzheimer cytoskeletal pathology", Proc. Natl. Acad. Sci. USA, 1986, vol. 83, pp. 4913-4917
	M. Perez, et al., "In vitro assembly of tau protein: Mapping the regions involved in filament formation", Biochemistry, 2001, vol. 40, 5983-5991
	A.M. Giannetti, et al., "Fibers of tau fragments, but not full length tau, exhibit a cross β -structure: implications for the formation of paired helical filaments", Protein Science, 2000, vol. 9, pp. 2427-2435
	M.A. DeTure, L. DiNoto, and D.L. Purich, "In vitro assembly of Alzheimer-like filaments. How a small cluster of charged residues in tau and MAP2 controls filament morphology", Journal of Biological Chemistry, 2002, vol. 277, pp. 34755-34759
	C.M. Wischik, F. Theuring and C.R. Harrington, "The molecular basis of tau protein pathology in Alzheimer's disease and related neurodegenerative dementias", In Neurobiology of Alzheimer's Disease (Eds. D. Dawbarn & S.J. Allen) Oxford University Press, Oxford, pp. 103-206
	C. Wischik, "Molecular neuropathology of Alzheimer's disease", John Libbey & Co., 1991, pp. 239-250

Examiner

Date Considered

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.